

Title (en)

METHOD FOR POSITIONING A MOBILE TOMOGRAPHY DEVICE

Title (de)

VERFAHREN ZUR POSITIONIERUNG EINER MOBILEN TOMOGRAFIEVORRICHTUNG

Title (fr)

PROCÉDÉ DE POSITIONNEMENT D'UN DISPOSITIF DE TOMOGRAPHIE MOBILE

Publication

**EP 4124301 B1 20240221 (EN)**

Application

**EP 21188413 A 20210729**

Priority

EP 21188413 A 20210729

Abstract (en)

[origin: EP4124301A1] This invention is related to a method to adjust the starting position of an acquisition trajectory of a mobile X-ray device that is to perform a portable X-ray tomography acquisition sequence. The invention supports an operator in positioning a mobile X-ray device such that it can subsequently successfully and autonomously perform a digital tomosynthesis exam. Alternatively may an operator provide visual input on a camera image on where he desires the tomosynthesis acquisition to be performed, allowing the mobile X-ray device to adjust its initial starting position autonomously.

IPC 8 full level

**A61B 6/08** (2006.01); **A61B 6/00** (2024.01); **A61B 6/02** (2006.01)

CPC (source: EP US)

**A61B 6/025** (2013.01 - EP); **A61B 6/08** (2013.01 - EP); **A61B 6/4405** (2013.01 - EP US); **A61B 6/4429** (2013.01 - US);  
**A61B 6/4476** (2013.01 - EP); **A61B 6/547** (2013.01 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 4124301 A1 20230201; EP 4124301 B1 20240221**; US 12082959 B2 20240910; US 2023032243 A1 20230202

DOCDB simple family (application)

**EP 21188413 A 20210729**; US 202217875789 A 20220728